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TITLE : LATEX FOR PRESSURE-SENSITIVE PAPER

ABSTRACT : PURPOSE: To obtain the subject latex having high surface strength and excellent balance of coloring properties and water resistance, by polymerizing a monomer mixture having a specific composition in the presence of a small amount of an alkylsulfosuccinate.

CONSTITUTION: 100 pts.wt. of a monomer mixture of (B) 30-65wt.% of a conjugated diene monomer (preferably 1,3-butadiene), (C) 5-20 wt.% of an ethylenic unsaturated carboxylic acid monomer (e.g. acrylic acid), (D) 2-20wt.% of an ethylenic unsaturated nitrile monomer (preferably acrylonitrile), (E) 2-20wt.% of an ethylenic unsaturated carboxylic acid ester monomer (e.g. methyl methacrylate) and (F) 0-61wt.% of an ethylenic unsaturated monomer (preferably styrene) copolymerizable with these monomers is polymerized in the presence of (A) 0.1-3 pts.wt. of an alkylsulfosuccinate (preferably dioctyl sulfosuccinate) to give the objective latex. The average particle diameter of the copolymer particles constituting the latex is preferably 0.08-0.15 μ m.

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